

Geologic Map of Study Area and Adjacent Terrain

Generalized from:
 Moore and Wolfe, 1987, U.S. Geological Survey Map MF-1960, and
 Wolfe and others, 1987, U.S. Geological Survey Map MF-1959.

List of Map Units

- Alluvium and Sunset Crater Cinder Blanket
- Basalt
- Sugarloaf Rhyolite
- Dacite
- Deadman Mesa Dacite
- O'Leary Peak Dacite
- Robinson Crater Rhyolite
- Miscellaneous Rocks of San Francisco Mountain

Correlation of Map Units

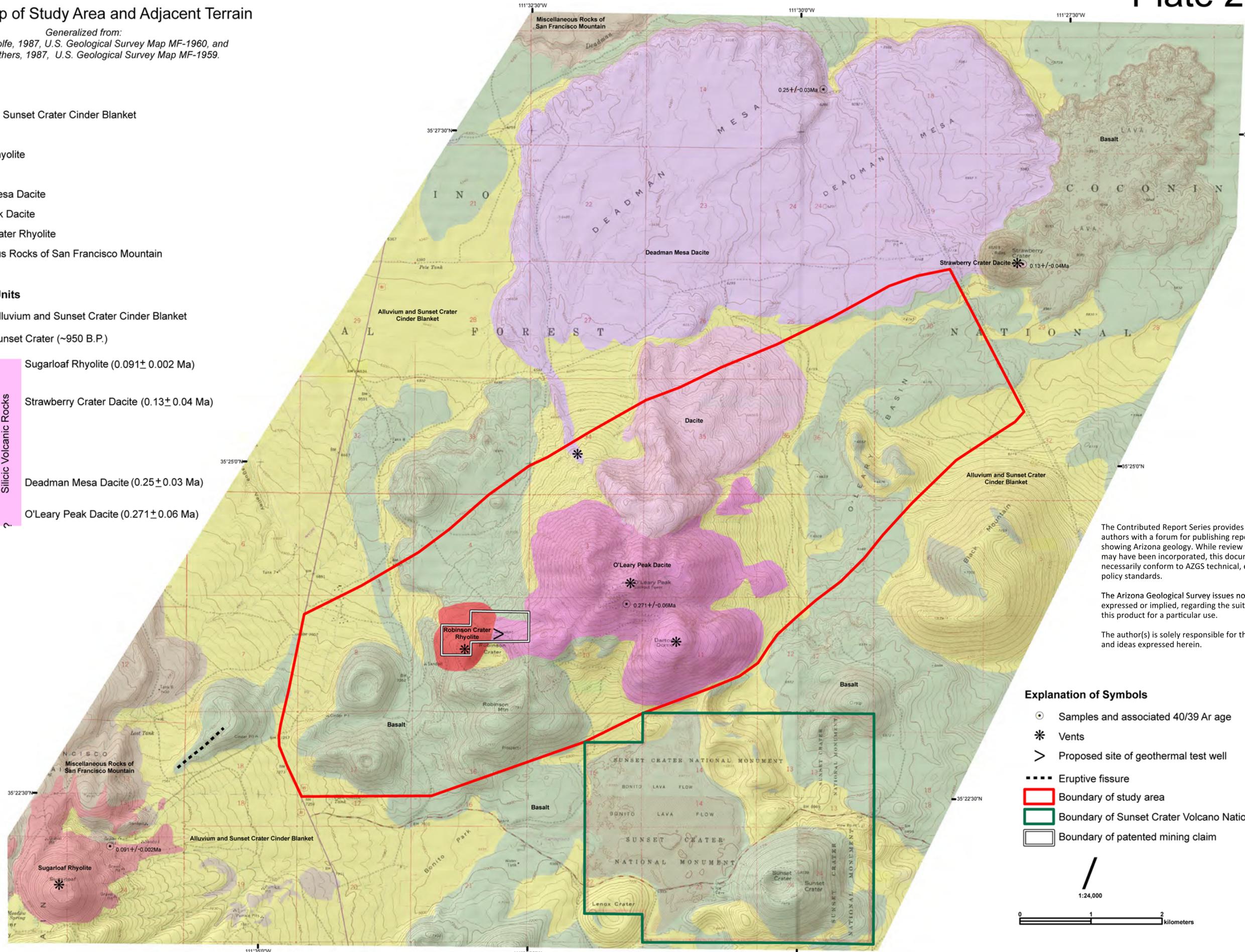
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|--|---|
| | Alluvium and Sunset Crater Cinder Blanket |
| | Sunset Crater (~950 B.P.) |
| | Sugarloaf Rhyolite (0.091 ± 0.002 Ma) |
| | Strawberry Crater Dacite (0.13 ± 0.04 Ma) |
| | Deadman Mesa Dacite (0.25 ± 0.03 Ma) |
| | O'Leary Peak Dacite (0.271 ± 0.06 Ma) |

QUATERNARY

Miscellaneous Rocks of San Francisco Mountain

Mafic Volcanic Rocks

Silicic Volcanic Rocks



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Explanation of Symbols

- Samples and associated 40/39 Ar age
- Vents
- Proposed site of geothermal test well
- Eruptive fissure
- Boundary of study area
- Boundary of Sunset Crater Volcano National Monument
- Boundary of patented mining claim

